PART B - FEE(S) TRANSMITTAL

Complete/and send this form, together with applicable fee(s), to: Mail

Mail Stop ISSUE FEE Commissioner for Patents P.O. Box 1450

Alexandria, Virginia 22313-1450 or Fax (703) 746-4000 INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and PUBLICATION FEB (if required). Blocks 1 through 5 should be completed where appropriate. All further correspondence including the Patent, advance orders and notification of maintenance fees will be mailed to the current correspondence address as indicated unless corrected below or directed ofherwise in Block 1, by (a) specifying a new correspondence address; and/or (b) indicating a separate "FEE ADDRESS" for registrations. maintenance fee notifications. CURRENT CORRESPONDENCE ADDRESS (Note: Use Block I for any change of address) Note: A certificate of mailing can only be used for domestic mailings of the Fee(s) Transmittal. This certificate cannot be used for any other accompanying papers. Each additional paper, such as an assignment or formal drawing, must have its own certificate of mailing or transmission. 7590 12/30/2004 Siemens Corporation Certificate of Mailing or Transmission I hereby certify that this Fee(s) Transmittal is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to the Mail Stop ISSUE FEE address above, or being facsimile transmitted to the USPTO (703) 746-4000, on the date indicated below. Intellectual Property Department 170 Wood Avenue South Iselin, NJ 08830 Sandra Stempoberg (Signature March 23, 2005 (Date APPLICATION NO. FIRST NAMED INVENTOR FILING DATE ATTORNEY DOCKET NO. CONFIRMATION NO. 10/654,749 09/04/2003 George Liang 2003P11950US 5241 TITLE OF INVENTION: COOLING SYSTEM FOR A TURBINE BLADE APPLN. TYPE SMALL ENTITY ISSUE FEB · PUBLICATION FEB TOTAL FEE(S) DUE DATE DUE nonprovisional "NO \$1400 \$300 \$1700 03/30/2005 EXAMINER ART UNIT CLASS-SUBCLASS WHITE, DWAYNE J 3745 415-115000 Change of correspondence address or indication of "Fee Address" (37 CFR 1,363). 2. For printing on the patent front page, list (1) the names of up to 3 registered patent attorneys or agents OR, alternatively, Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached. (2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed. "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. Use of a Customer Number is required. 3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type) 03/30/2005 AWONDAF2 00000043 192179 PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been filed for recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment. 01 FC:1501 1400.00 DA 300.00 DA (B) RESIDENCE: (CITY and STATE OR COUNTRY) (A) NAME OF ASSIGNEE Siemens Westinghouse Power Corporation, Orlando, FL (US) Individual Corporation or other private group entity Government Please check the appropriate assignee category or categories (will not be printed on the patent): 4a. The following fee(s) are enclosed: 4b. Payment of Fee(s): Issue Fee A check in the amount of the fee(s) is enclosed. Publication Fee (No small entity discount permitted) Payment by credit card. Form PTO-2038 is attached. Advance Order - # of Copies The Director is hereby sutherized by charge the required fee(s), or credit any overpayment, to Deposit Account Number 1921/9 (enclose an extra copy of this form). 5. Change in Entity Status (from status indicated above)

a. Applicant claims SMALL ENTITY status. See 37 CFR 1.27. ☐ b. Applicant is no longer claiming SMALL ENTITY status. See 37 CFR 1.27(g)(2).

The Director of the USPTO is requested to apply the Issue Fee and Publication Fee (if any) or to re-apply any previously paid issue fee to the application identified above.

NOTE: The Issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant; a registered attorney or agent; or the assignee or other party in interest as shown by the records of the United States Patent and Trademark Office.

Authorized Signature

Date March 23, 2005

Registration No. 40.194

This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FRES OR COMPLETED FORMS TO THIS ADDRESS, SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

PTOL-85 (Rev. 12/04) Approved for use through 04/30/2007.

Typed or printed name Erik C. Ewen

OMB 0651-0033 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE



FACSIMILE COVER SHEET

PRIVILEGED AND CONFIDENTIAL

TO: Mail Stop Issue Fee

Commissioner for Patents Washington, DC 20231 FROM:

Sandy Steunenberg, IP Legal Asst.

sandra.steumenberg@siemens.com

Fax No.: 703-746-4000

Fax No:

407-736-6440

Phone:

407-736-2472

DATE: March 23; 2005

Number of Pages including cover page: 3

Re:

10/654,749 filing date: 09/04/2003 Attorney Docket No.: 2003P11950US Issue Fee Date Due: 03/30/2005

Paper Dated: 03/23/2005

The required fees have been authorized to be charged to Deposit Account 19-2179.

Certification of Transmission under 37 CFR 1.8

I hereby certify that this correspondence is being facsimile transmitted to the Patent and Trademark Office to the attention of Mail Stop ISSUE FEE at Fax Number 703-746-4000 on March 23, 2005.

Facsimile Cover Sheet (1 pg.)
PTOL-85 PART B-FEE(S) TRANSMITTAL (2 pgs., original + 1 copy)

Sandra J. Steumenberg

The information contained in this facsimile message may contain attorney privileged and confidential information intended only for the use of the individual or entity named above. If the reader of this message is not the intended recipient, or the employee or agent responsible to deliver it to the intended recipient, you are hereby notified that any dissemination, distribution or copying of this communication is strictly prohibited. If you have received this communication in error, please immediately notify us by telephone, and return the original message to us. Thank you.

Siemens Corporation

Legal and Intellectual Property Department 4400 Alafaya Trail Orlando Florida 32826 Tel: 407-736-2472 FAX: 407-736-6440